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Atty. Docket No.: 3437-Z

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 C.F.R. §1.53(b))

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

TITLE: Software Configurable Cluster-Based Router Using Stock Personal Computers as Cluster Nodes

1. [X] Specification of 27 pages.
[X] Claims, 23 in number.
[X] Abstract.

2. [X] Drawings. Total Sheets: 7

3. [X] Oath or Declaration.
a. [X] Newly executed (original or copy)
b. [] Copy from prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 5 completed)

i. [] DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

4. [] Application Data Sheet. See 37 CFR 1.76.

5a. [] If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
[] Continuation [] Divisional [] Continuation-in-part (CIP):
of prior application Serial No.: _____
Prior application information: Group Art Unit: _____ Examiner: _____

For: CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application part.

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07/24/03

5b. The present application is a nonprovisional application based on Provisional Application Serial No. _____ filed _____.

6. Applicant claims small entity status. (see 37 CFR 1.27)

7. An assignment of the invention to: Alcatel and Recordation Form Cover Sheet with fee authorization.

8. Applicant claims the priority of corresponding application No. _____ filed _____.

9. Preliminary Amendment

10. Information Disclosure Statement (IDS) PTO-1449
 Copies of IDS Citations.

11. Return Receipt Postcard (MPEP 503)

12. Other:

13. The filing fee has been calculated as shown below:

| For | No. Filed | Basic | No. Extra | Rate \$ | Calculations |
|---|-----------|-------|-----------|---|--------------|
| Total Claims | 23 | 20 | 3 | \$ 18.00 | \$ 54.00 |
| Indep. Claims | 3 | 3 | 3 | \$ 84.00 | \$.00 |
| [] Multiple Dependent Claims | | | | \$280.00 | \$ |
| | | | | BASIC FEE | \$750.00 |
| | | | | TOTAL OF ABOVE CALCULATIONS | \$804.00 |
| [] Reduction by 1/2 For Filing By Small Entity | | | | | \$ |
| | | | | TOTAL FILING FEE | \$804.00 |
| [X] Fee For Recording of Assignment (\$40.00) | | | | | \$ 40.00 |
| | | | | TOTAL OF FILING AND ASSIGNMENT RECORDING FEES | \$844.00 |

14. A check in the amount of \$ 804.00 to cover the Filing Fee is enclosed. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due (or credit any overpayment) in connection with this communication, or at any time during the pendency of this application, to Deposit Account No. 26-0090.

15. Correspondence Address:
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16. Associate Power of Attorney to Jim Zegeer.

Respectfully submitted,


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Attorney for Applicants

Date: July 24, 2003